

# EAST Search History K.G.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	sunikumar near gandhi	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 13:47
L2	0	sunikumar near2 gandhi	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 13:45
L3	0	sunikumar near2 gandhi	EPO; JPO	OR	ON	2006/12/21 13:45
L4	9	Paul near jeffery	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:04
L5	10	Paul near jeffery	EPO; JPO	OR	ON	2006/12/21 13:47
L6	1	sunilkumar near gandhi	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 13:47
L7	1	sunilkumar near gandhi	EPO; JPO	OR	ON	2006/12/21 13:48
L8	1	gerard near mcanally	EPO; JPO	OR	ON	2006/12/21 13:48
L9	2	gerard near mcanally	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 13:48
L10	20	((("6008897") or ("5982486") or ("5847825") or ("5580733") or ("5443793") or ("5241179") or ("5135870") or ("4988879") or ("4393311") or ("4247770")),PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 14:19
L11	0	10 and warfare	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 14:19
L12	2	10 and war nearfare	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 14:20
L13	0	10 and war near fare	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 14:19
L14	19729	laser with (vapor\$5 volatiz\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 14:40
L15	42444	laser with (vapor\$5 volatiz\$ ablat\$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 14:21
L16	100222	warfare poisons toxins (biological chemical) near3 weapons	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 14:39

## EAST Search History

L17	37272	(FTIR near3 spectro\$ (IR infrared) near3 spectro\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 14:22
L18	130	15 and 16 and 17	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 14:31
L19	0	10 and 16	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 14:31
L20	2	("5443793").URPN.	USPAT	OR	ON	2006/12/21 14:35
L21	103575	warfare poisons toxins (biological chemical) near3 weapons hazardous near2 (samples liquids solids)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:08
L22	5782	laser with (vapori\$5 volatiz\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 14:40
L23	5651	laser with (vapori\$5 volatiz\$ LIBS)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 14:41
L24	25582	laser with (vapori\$5 volatiz\$ LIBS plasma)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 15:05
L25	69	17 and 21 and 24	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 14:44
L26	8895	(356/300-334,402-425).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 14:44
L27	65	26 and LIBS	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:20
L28	40	27 and 22	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 14:45
L29	3	27 and 21	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 14:46
L30	19	24 and 26 and 21	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 14:49
L31	134523	((("250") or ("356"))).CLAS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 15:19
L32	58	24 and 31 and 21	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 14:49

## EAST Search History

L33	39	32 not 30	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 14:49
L34	3	stand near off near spectro\$	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:05
L35	2	("6608677").PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 15:05
L36	0	35 and (vapori\$5 volatiz\$ LIBS plasma)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 15:08
L37	5981	((356/317-318,417) or (250/458. 1-461.2) or (422/82.07-82.08) or (436/172)).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 15:08
L38	1186	37 and (vapori\$5 volatiz\$ LIBS plasma)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 15:08
L39	212	37 and (vapori\$5 volatiz\$ LIBS)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 15:16
L40	115009	warfare poisons toxins (biological chemical) near3 weapons hazardous near2 (samples liquids solids materials)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:11
L41	16	39 and 40	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:09
L42	109163	(remote\$4 distance stand near off standoff) with warfare poisons toxins (biological chemical) near3 weapons hazardous near2 (samples liquids solids materials)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:25
L43	435	37 and 42	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 15:12
L44	16	43 and (vapori\$5 volatiz\$ LIBS)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 15:14
L45	115	laser with libs	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 15:14
L46	152	laser with libs	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:14
L47	12	42 and 46	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:14

## EAST Search History

L48	953	(remote\$4 distance stand near off standoff) with (warfare poisons toxins (biological chemical) near3 weapons hazardous near2 (samples liquids solids materials))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:18
L49	2	46 and 48	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:15
L50	24	37 and 48	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:15
L51	2	50 and (vapori\$5 volatiz\$ LIBS)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 15:16
L52	8	50 and (ablat\$ plasma)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 15:16
L53	12	46 and (warfare poisons toxins (biological chemical) near3 weapons hazardous near2 (samples liquids solids materials))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 16:04
L54	223883	((("250") or ("356") or ("422") or ("436")).CLAS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 15:20
L55	231	54 and LIBS	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:20
L56	24	55 and (warfare poisons toxins (biological chemical) near3 weapons hazardous near2 (samples liquids solids materials))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:28
L57	123	37 and laser with (ablation ablating)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:24
L58	9	57 and (warfare poisons toxins (biological chemical) near3 weapons hazardous near2 (samples liquids solids materials))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:24
L59	31450	LIB libs laser with (ablation ablating)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:38
L60	819093	(remote\$4 stand near off standoff)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:39
L61	4923	59 and 60	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:27

## EAST Search History

L62	297244	spectro\$	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:28
L63	782	61 and 62	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:28
L64	164	63 and (warfare poisons toxins (biological chemical) near3 weapons hazardous near2 (samples liquids solids materials))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 16:11
L65	193	(LIB libs) same spectr\$	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:45
L66	29	(lib libs) with (remote\$4 stand near off standoff)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:45
L67	2	(lib libs) and (remote\$4 stand near off standoff)	EPO; JPO	OR	ON	2006/12/21 15:45
L68	0	alexander near portnov	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 15:45
L69	9	("6008897").URPN.	USPAT	OR	ON	2006/12/21 15:58
L70	30	laser near induced near plasma with spectro\$	USPAT	OR	ON	2006/12/21 15:59
L71	1	70 and (warfare poisons toxins (biological chemical) near3 weapons hazardous near2 (samples liquids solids materials))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 16:04
L72	15	("5847825").URPN.	USPAT	OR	ON	2006/12/21 16:05
L73	0	("7113277").URPN.	USPAT	OR	ON	2006/12/21 16:05
L74	16	(US-20060023211-\$ or US-20050026276-\$ or US-20020166969-\$ or US-20040183018-\$ or US-20050200843-\$).did. or (US-6008897-\$ or US-5847825-\$ or US-5889587-\$ or US-5067616-\$ or US-5414195-\$ or US-5757484-\$ or US-6909505-\$ or US-7016035-\$ or US-6661511-\$ or US-5946089-\$). did. or (WO-2004019020-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/21 16:09
L75	13	74 and power	US-PGPUB; USPAT; EPO	OR	ON	2006/12/21 16:16
L76	7	74 and (warfare poison\$5 toxins (biological chemical) near3 weapons hazardous near2 (samples liquids solids materials))	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 16:14

## EAST Search History

L77	9	74 and (ir infrared)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 16:14
L78	12	74 and (remote\$4 stand near off standoff)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/21 16:18
L79	2	("5379103").PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 16:18
L80	19	("5379103").URPN.	USPAT	OR	ON	2006/12/21 16:19
L81	20	(US-20060023211-\$ or US-20050026276-\$ or US-20020166969-\$ or US-20040183018-\$ or US-20050200843-\$).did. or (US-6008897-\$ or US-5847825-\$ or US-5889587-\$ or US-5067616-\$ or US-5414195-\$ or US-5757484-\$ or US-6909505-\$ or US-7016035-\$ or US-6661511-\$ or US-5946089-\$ or US-5379103-\$ or US-6147754-\$ or US-5953119-\$ or US-5926270-\$). did. or (WO-2004019020-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/21 16:23
L82	16	81 and power	US-PGPUB; USPAT; EPO	OR	ON	2006/12/21 16:25
L83	3	82 not 75	US-PGPUB; USPAT; EPO	OR	ON	2006/12/21 16:23
L84	1	81 and (CO carbon) near3 laser	US-PGPUB; USPAT; EPO	OR	ON	2006/12/21 16:26
L85	3	("5757484").URPN.	USPAT	OR	ON	2006/12/21 16:27
L86	77996	LIBS LPS LIB with spectr\$	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 17:05
L87	133	86 and (CO carbon near dioxide) near3 laser	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 17:06
L88	18292	LIBS LPS LIB with spectr\$	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/12/21 17:05
L89	16	88 and (CO carbon near dioxide) near3 laser	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 19:07
L90	608	ND near YAG near laser with power with (W watts)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 17:40

## EAST Search History

L91	18882	(fiber waveguide wave near guide) near4 damag\$4	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 17:27
L92	3	90 same 91	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 17:27
L93	111852	power with (W watts)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 17:29
L94	27	91 with 93	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 17:29
L95	6	ND near YAG near laser with typical near4 power with (W watts)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 17:43
L96	110	ND near YAG near laser with average near4 power with (W watts)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 18:14
L97	8	ND near YAG near laser with average near4 power with (W watts) same (ablat\$4 vaporis\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 18:20
L98	21	(US-20060023211-\$ or US-20050026276-\$ or US-20020166969-\$ or US-20040183018-\$ or US-20050200843-\$).did. or (US-6008897-\$ or US-5847825-\$ or US-5889587-\$ or US-5067616-\$ or US-5414195-\$ or US-5757484-\$ or US-6909505-\$ or US-7016035-\$ or US-6661511-\$ or US-5946089-\$ or US-5379103-\$ or US-6147754-\$ or US-5953119-\$ or US-5926270-\$ or US-6771368-\$).did. or (WO-2004019020-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/21 18:16
L99	17	98 and (power watts)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/21 18:16
L100	13177	ND near YAG near laser power with (W watts) same (ablat\$4 vaporis\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 18:20
L101	45	ND near YAG near laser with power with (W watts) same (ablat\$4 vaporis\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 18:21
L102	37	101 not 97	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 18:33

## EAST Search History

L103	9	98 and (continuous CW)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 18:34
L104	7	98 and (continuous CW) and (vapori\$ ablat\$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 18:34
L105	2	98 and (continuous CW) and (libs lps)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 18:34
L106	2044	88 and (IR infrared)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 19:07
L107	10	98 and (IR infrared)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/12/21 19:07